

# APPLICATION OF ORGANOALUMINIUM REAGENTS IN A ONE-POT SYNTHESIS OF VINYLSILANES

Sylvia C. Aybar Cuyahoga Community College, Eastern Campus-Bridges Program, 4250 Richmond Road, Highland Hills, Ohio 44122. shinytinystar@hotmail.com  
Desmond Kwan\*, John Carroll University, Chemistry Dept., 20700 North Park Boulevard, University Heights, Ohio 44118. mlkwan@jcu.edu

## Organometallic Chemistry

Aromatic ketones were converted to one-carbon elongated-vinylsilanes in a convenient one-pot operation via Peterson protocol. Reactions were conducted in pentane and triethylamine solvents. Results indicate that triethylamine appeared to be a more suitable solvent for such a transformation producing vinylsilanes with great chemo- and stereo-selectivity than pentane.

